

Well Construction Details

Top of PVC Casing
Elev. **746.44 ft.**

GROUND SURFACE

6.5" DIA.
BOREHOLE: 0 to
136 ft.

2" DIA. SCHED.
40 PVC CASING:
+2.0 to 115 ft.

Recovery
(inches)
PID Reading
(ppm)

0

0

0

Depth (ft.)
Sample

0

5

10

15

20

25

30

35

Date 10/22/04
Driller Air Rotary
Drilling Method ARCH
Sampler Continuous Core
Hammer Weight NA Drop NA
Logged by Datum
Surface Elevation 744.46 Hole Dia. 6.5 in.
Northing 507570.342 Easting 1236769.797

Sandy Silt (ML) Topsoil
Light Gray Weathered Mudstone (2.5Y 7/2)
Moderately consolidated, intensely fractured, low
hardness, weak, deeply weathered, iron oxides
along edges of cuttings

@ 15 ft.: Black oxides along edges of cuttings

@ 22.5 ft. Some white oxides

@ 27 ft.: Color change to Dark Gray (5Y 4/1)

@ 28 ft.: Color change to Light Brownish Gray
(2.5Y 5/2)

Dark Gray Unweathered Mudstone (5Y 4/1)
Moderately consolidated, low hardness,
moderately strong to weak

BORING_WELL2_CASMALIRIFS.GPJ GEOL.GDT 12/13/10

Well Construction Details and Log of Boring RIPZ-10C

Final Remedial Investigation Report
Casmalia Resources Superfund Site
Casmalia, California

PLATE

E9-20

DRAWN

CN

JOB NUMBER

4088097619

CHECKED

WJF

CHCK'D DATE

1/11

APPROVED

WBC

APPR'D DATE

1/11

**Well Construction
Details**

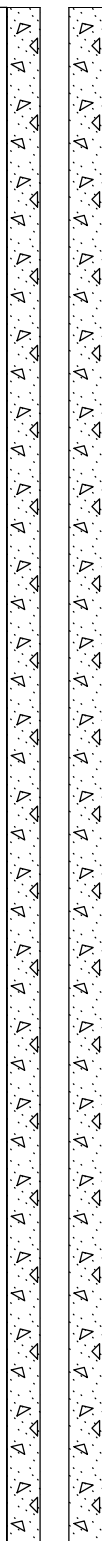
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 Hammer Weight NA Drop NA
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Recovery
(inches)

PID Reading
(ppm)

Depth (ft.)
Sample

35
40
45
50
55
60
65
70



0

0

@ 58 ft.: White oxides

@ 60 ft.: Cuttings are flat, platy fracture/bedding

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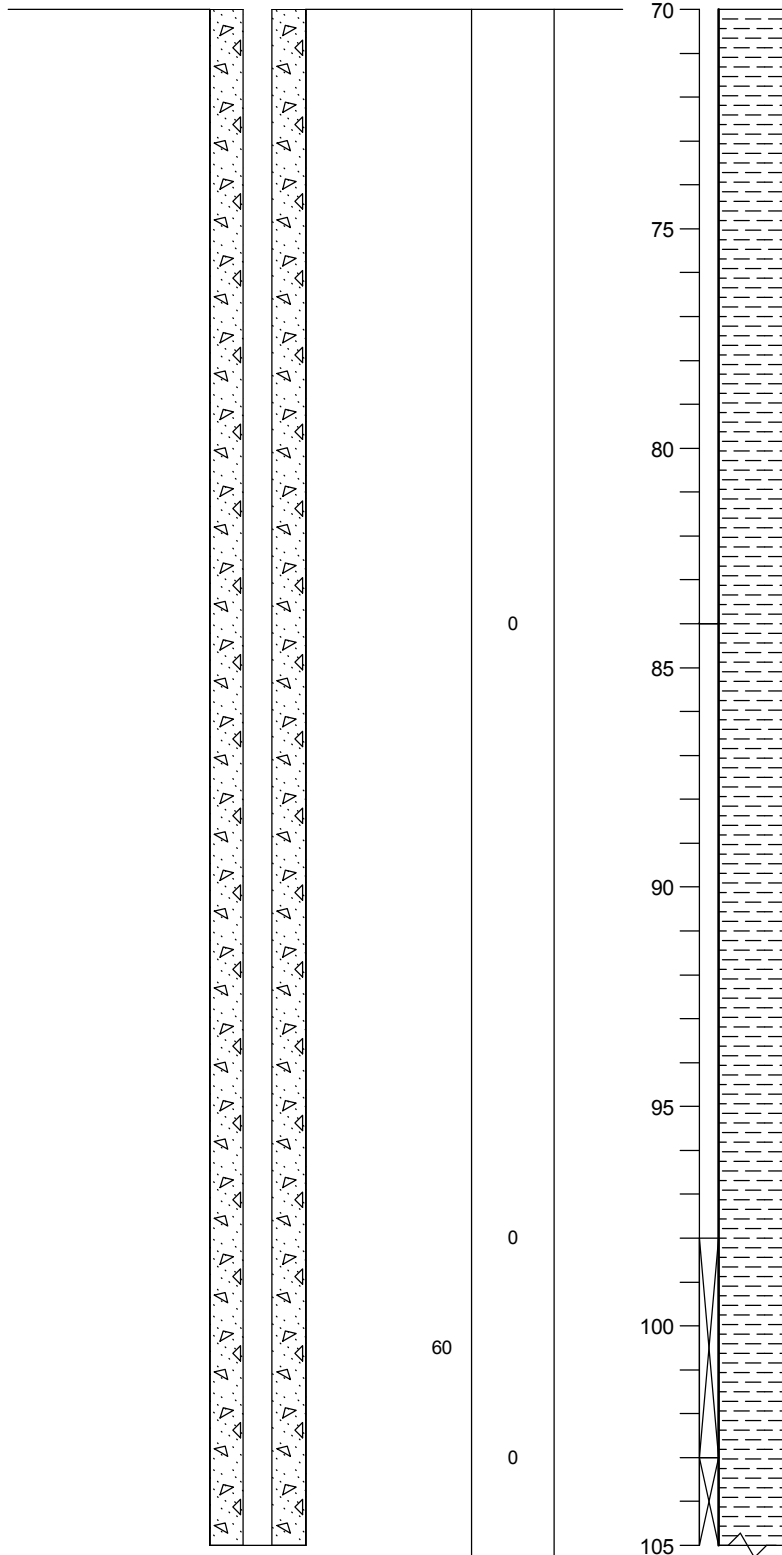
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Recovery
(inches)

PID Reading
(ppm)

Depth (ft.)

Sample



@ 72 ft.: White oxides

@ 85 ft.: Harder drilling

@ 90 ft.: cuttings as fine platy chips

Dark Gray to Olive Gray (5Y 4/1 to 5Y 4/2), moderately consolidated, shaley to platy, occasionally fractured, low hardness, weak, little weathering, mildly calcareous
 @ 100 ft.: Small subhorizontal fracture
 @ 102 ft.: Change to Very Dark Gray (5Y 3/1), moist

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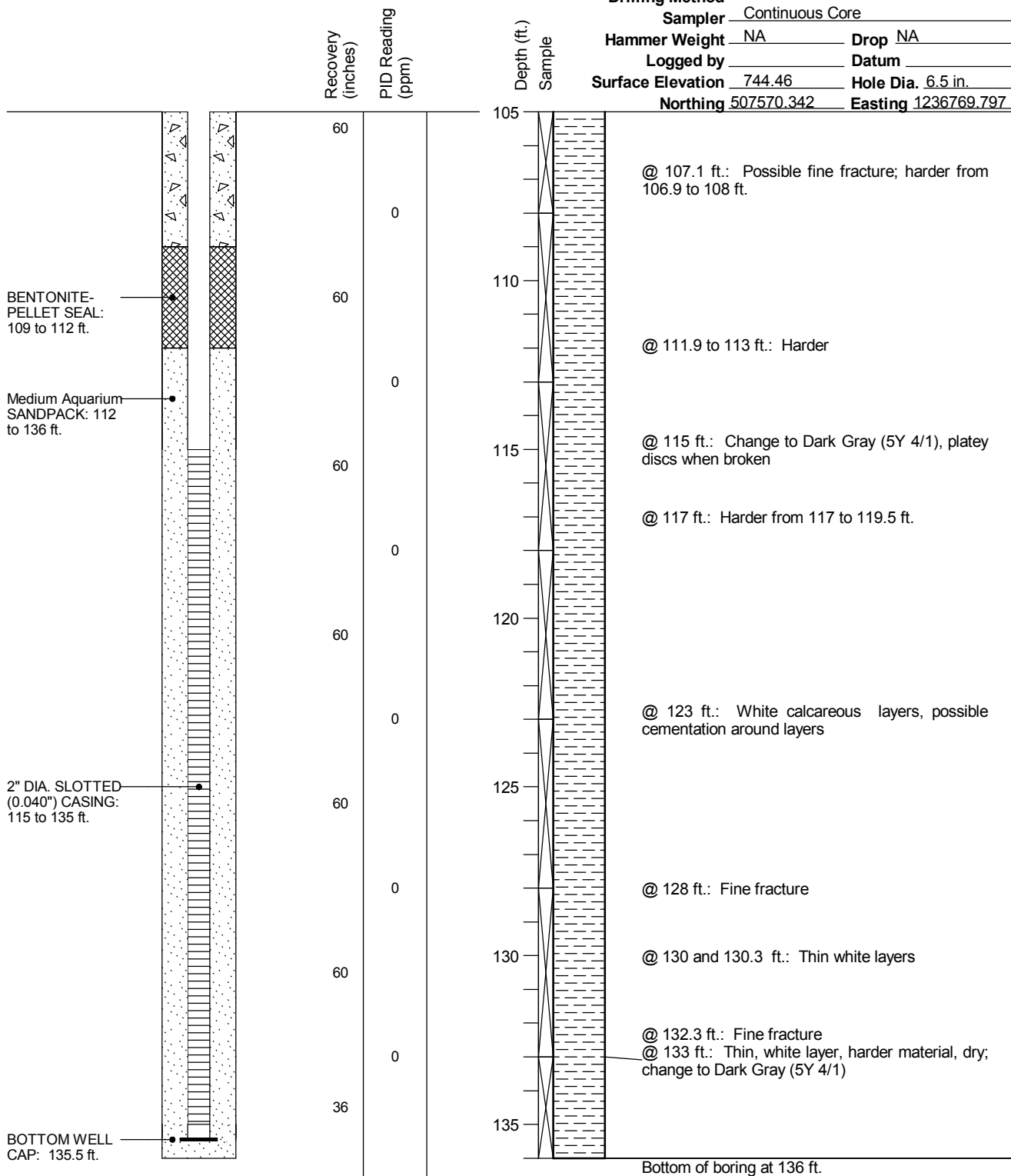
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